

MATERIAL SAFETY DATA SHEET

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SECTION I

PRODUCT NAME: PR-1431-G and GT, Part A

DESCRIPTION: Inorganic dichromate solution.

MANUFACTURER: Products Research & Chemical Corporation
5430 San Fernando Road, P.O. Box 1800, Glendale, CA 91209

EMERGENCY TELEPHONE: (818) 240-2060

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PREPARED BY: NG *[Signature]*

SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME	COMMON NAME	CAS NO	OSHA PEL	CAL OSHA PEL	ACGIH TLV
Magnesium dichromate	magnesium dichromate	13423-61-5	0.5 mg/M ³	0.05mg/M ³	0.05mg/M ³
Calcium dichromate	calcium dichromate	14307-33-6	0.5 mg/M ³	0.05mg/M ³	0.05mg/M ³

SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point, °F.:	Unk.	Specific Gravity:	1.53
Vapor Pressure, mm Hg:	Unk.	% Volatiles, by Vol:	None
Vapor Density:	Unk.	Evaporation Rate:	Unk.
Solubility in Water:	Complete.		

SECTION IV - PHYSICAL HAZARD INFORMATION

Flash Point:	Not flammable.	Flammable Limits:	Not flammable
Extinguishing Media:	CO ₂ , Dry chemical, foam, water fog.		
Spec. Fire Fighting Proc:	Use complete personal protection.		
Unusual Fire Hazards:	None known.		
Stability:	Stable.		
Incompatibility:	Easily oxidizable materials.		
Decomposition products:	Chromium compounds.		
Hazardous polymerization:	Will not occur.		

SECTION V - HEALTH HAZARD INFORMATION

EFFECT OF OVER-EXPOSURE:

Eyes:	Irritation.
Skin:	Irritation.
Inhalation:	(mist or dust of dried materials) can irritate mucous membranes. May cause broncoasthma.
Ingestion:	May irritate stomach and intestines. Large amounts can cause liver and kidney damage.

SECTION VI - EMERGENCY FIRST AID PROCEDURES

Eyes:	Flush with luke warm water for 15 minutes. Consult a physician.
Skin:	Wash with soap and water. If irritation persists, consult a physician.
Inhalation:	Remove to fresh air. Consult a physician.
Ingestion:	Consult a physician.

SECTION VII - SUGGESTED CONTROL PROCEDURES

Ventilation:	General ventilation to maintain vapor below PEL.
Skin Protection:	Solvent resistant gloves.
Eye Protection:	Chemical goggles or full face shield.

SECTION VIII - SPILL OR LEAKAGE PROCEDURES

Release or Spillage: Dike and cover the spill with a non-oxidizable absorbent and scoop into container. Sprinkle sodium thiosulfate on the residue. Work into residue. Scoop into disposal container. Clean up with water.

Waste Disposal: EPA waste No. D-007. Dispose of spillage in compliance with State and Federal regulations.

SECTION IX - SPECIAL PRECAUTIONS

Wash thoroughly after handling and before smoking or eating. Avoid ingestion.